Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**8.3 Volumes of Revolution Exit Slip**

A figure will be created after it is revolved about the dashed line.



1. What is the name of the three-dimensional figure created? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the volume of the figure? Make sure to include units.
3. If the figure is turned so that the 4 cm side is on the dashed line, once revolved, would the volume be bigger or smaller than the volume you found in part b? Justify your answer.

**WLPCS**

**Geometry**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_ Per.: \_\_\_\_\_\_\_\_

**8.3 Volumes of Revolution Exit Slip**

A figure will be created after it is revolved about the dashed line.



1. What is the name of the three-dimensional figure created? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the volume of the figure? Make sure to include units.
3. If the figure is turned so that the 4 cm side is on the dashed line, once revolved, would the volume be bigger or smaller than the volume you found in part b? Justify your answer.